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TECHNICAL DATA SHEET

RCP21 RAPID CURE LV PRIMER

06232022



RCP21 is a rapid curing primer that dries in a fraction of the time that conventional primers take to dry. Its ready to sand in 30min to 1hr, depending on temperature and film build. RCP21 was designed to greatly increase job throughput while providing excellent sand scratch fill. RCP21 is a 2.1 VOC primer surfacer and sealer when using appropriate low VOC activators and reducers.

Applications:

- Vehicle Refinish
- OEM
- Fleet
- Light Industrial

COMPONENTS



- RCP21 Primer
- GH021
- GS065/GS075/GS085
- S01522/S02232/S03236
- S1522/S2232/S3236
- S9860/S9870/S9885/S9895

Low VOC - Activator

Fast/Medium/Slow - Low VOC Reducers

Fast/Medium/Slow - National Rule Reducers

Fast Medium/Slow - National Rule Reducers

Fast/Medium/Slow - National Rule Reducers



MIXING RATIO AS PRIMER:

Mix four (4) parts RCP21 with one (1) part selected activator and 25% selected reducer.

MIXING RATIO AS SEALER:

Mix four (4) parts RCP21 with one (1) part selected activator and two (2) parts selected reducer



POT LIFE @ 70° F

1 1/2 hours minimum



CLEAN UP

Use NORTHSTAR Lacquer Thinner or zero VOC solvents. (Check local regulations)



PHYSICAL DATA

By Weight 70% (64% as mixed)
By Volume 47.7% (46.5% as mixed)
Color White/Light Gray/Dark Gray/Black

SUBSTRATES

- Plastic
- Original Paint
- E-Coat
- Properly Prepared Steel

*If sealed with GPT10 or GlobalStar P10.3.K1 can be used on aluminum and galvanized steel



DRY / FLASH TIMES

Dust Free 10-15 minutes @ 70°F
Air Dry 30 minutes - 1 hour @ 70°F
Sand 30 minutes - 1 hour depending on temp
Topcoat 20 minutes
Force Dry 10 - 15 minutes @ 140°F/60°C Panel Temp



GUN SETUPS

HVLP Gravity Feed 1.6 mm - 1.8 mm
Conventional 1.6 mm - 1.8mm
Film Build 2-2.5 mils when applied as directed



SURFACE PREPARATION

Use NORTHSTAR Clean Wipe (S10) or (S20) to clean substrate free of grease, dirt, and foreign contamination.



APPLICATION

Two medium wet coats, allow 10 minutes flash between coats. After 6 hours @70° F. Sand recommended for best adhesion. After force dry is complete, allow cool down before sand and recoat.



SAFETY

Refer to Material Safety Data Sheet (MSDS) for complete safety instructions. The technical data sheet listed has been compiled in good faith for your convenience and guidance. No warranty, expressed or implied, is intended or given by the information on this sheet.

